

## Statewide Health Information Exchange

- Core components of the KHIE include: a master patient/person index; record locator service; security; provider/user authentication; logging and audits; clinical messages and alerts. The system includes patient demographics, lab results, radiology and transcription reports, historical patient diagnoses, medications, procedures, dates of services, hospital stays, reporting to the state immunization and cancer registries, reporting of syndromic surveillance data and reportable labs/diseases. KHIE also offers a community record (virtual health record) for care coordination.
- First pilot hospital was connected in April 2010
- Statewide rollout began in January 2011. Pilot participants included 6 hospitals and one clinic

## KHIE Connectivity Options and Available Data

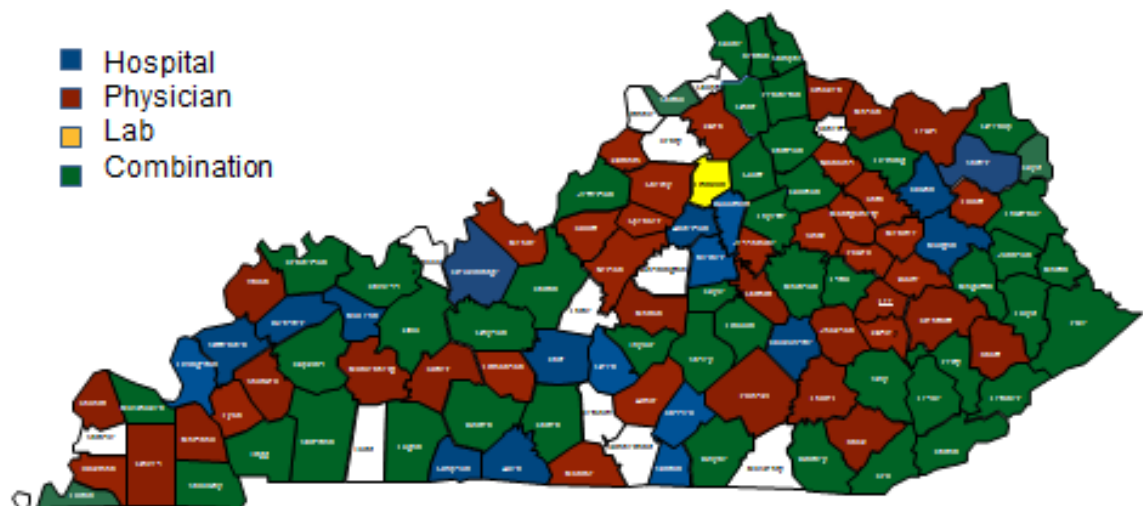
- The patient clinical record is available through the Community Record or Continuity of Care Document (CCD)
  - The Community Record uses edge servers connected via a Virtual Private Network (VPN) for connectivity
  - The CCD uses web services for connectivity
- KHIE is seeded with four years of Medicaid claims data

## Implementation Seed Capital

- Medicaid Transformation Grant (MTG)
- HHS Office of the National Coordinator (ONC) State HIE Cooperative Agreement Program

## Participants

- 651 Signed Participation Agreements (Represents 2,496 Locations)
- As of October 20, 2014 KHIE had a total of 1014 provider locations submitting live data and actively exchanging information. 82% of the hospitals are live on KHIE. (See map below)



Others:  
 \*Kentucky Immunization Registry  
 \*State Lab (Microbiology) (Franklin)  
 \*Grundy, VA  
 \*Hamilton, OH  
 \*Indiana  
 \*Pennsylvania Behavioral Health Ctrs

## Regional Extension Centers (REC) with Kentucky Service Regions

- Kentucky Regional Extension Center at the University of Kentucky: <http://kentuckyrec.com/>
- Tri-State Regional Extension Center at Healthbridge: <http://tristaterec.org/>

Kentucky Medicaid EHR Incentive Program Status, October 20, 2014				
	Registrations	Completed Attestations	Total Paid	Amount Paid
Hospitals	95	216	209	\$115,145,243.67
Providers	3,266	4,133	3,318	\$57,797,166.81
Totals	3,361	4,349	3,527	\$172,942,410.48
Kentucky Medicare eHR Incentive Program Status, March 2014				
Total (Hospitals & Professionals) Payments 4,593			Amount Paid \$ 241,846,330.77	
Latest News				
<ul style="list-style-type: none"><li>• KHIE is a key partner with the Department of Public Health and Medicaid for the ‘<b>KY ER SMART</b>’ initiative working with 16 pilot communities across Kentucky to improve care coordination and reduce inappropriate ER visits. KHIE is working on clinical reminders and alerts to support this initiative.</li><li>• KHIE is facilitating a weekly ‘<b>Community of Practice</b>’ for <i>Transitions of Care</i>, to assist providers across the state in meeting Stage 2 MU requirements, while also improving care transitions. All providers are encouraged to participate.</li><li>• KHIE passed another milestone with over 600 signed Participation Agreements, representing over 2,100 provider locations!</li></ul>				
<ul style="list-style-type: none"><li>• <b>Kentucky Health Information Exchange:</b> <a href="http://khie.ky.gov">http://khie.ky.gov</a> Email: khie@ky.gov Phone: 502-564-7992</li></ul>				
Updated KHIE Statistics as of October 10, 2014				
FFS MEDICAL			75,337,841	
FFS RX			46,962,139	
MEMBER UNDUP COUNT			1,688,276	
PASSPORT MEDICAL			58,571,208	
<b><u>KHIE Statistics as of 10/17/2014</u></b> Statistics (CCD Technology)				
– Total Queries:			246,378	
– Total Documents Returned:			165,726	
– Currently averaging			61,594 queries per week	
– Response time CCD Returned: 10.16 sec				
– Response time No CCD Returned: 5.04 sec				
– ADT Transactions			9,803,229	
– Lab Transactions			1,686,640	
– Immunization Transactions			277,072	
(VHR Statistics)				
– VHR Query			698,176	